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PTO/SB/21 (09-04)

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TRANSMITTAL  
FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

7

Application Number

10/628,144

Filing Date

July 28, 2003

First Named Inventor

Quoc N. Dang

Art Unit

2187

Examiner Name

Peugh, Brian R.

Attorney Docket Number

K35A1303

## ENCLOSURES (Check all that apply)



Fee Transmittal Form



Fee Attached



Amendment/Reply



After Final



Affidavits/declaration(s)



Extension of Time Request



Express Abandonment Request



Information Disclosure Statement



Certified Copy of Priority Document(s)

Reply to Missing Parts/  
Incomplete ApplicationReply to Missing Parts  
under 37 CFR 1.52 or 1.53

Drawing(s)



Licensing-related Papers



Petition

Petition to Convert to a  
Provisional Application

Power of Attorney, Revocation



Terminal Disclaimer



Request for Refund



CD, Number of CD(s) \_\_\_\_\_

☐ Landscape Table on CD

Remarks



After Allowance Communication to TC

Appeal Communication to Board  
of Appeals and InterferencesAppeal Communication to TC  
(Appeal Notice, Brief, Reply Brief)

Proprietary Information



Status Letter

Other Enclosure(s) (please identify  
below):

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name

Signature

Printed name

Robroy R. Fawcett

Date

November 12, 2004

Reg. No.

35,133

## CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature

Typed or printed name

Robroy R. Fawcett

Date

November 12, 2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/17 (10-04v2)

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**FEE TRANSMITTAL**  
**for FY 2005**

Effective 10/01/2004. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT**

(\$ 110

**Complete if Known**

Application Number	10/628,144
Filing Date	July 28, 2003
First Named Inventor	Quoc N. Dang
Examiner Name	Peugh, Brian R.
Art Unit	2187
Attorney Docket No.	K35A1303

**METHOD OF PAYMENT (check all that apply)**☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☒ Deposit Account:Deposit Account Number  
23-1209Deposit Account Name  
Western Digital Corp

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments☒ Charge any additional fee(s) or any underpayment of fee(s)☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 790	2001 395	Utility filing fee	
1002 350	2002 175	Design filing fee	
1003 550	2003 275	Plant filing fee	
1004 790	2004 395	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	
<b>SUBTOTAL (1)</b>			<b>(\$)</b>

**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

Total Claims	Extra Claims	Fee from below	Fee Paid
Independent Claims	-20** =	X	
Multiple Dependent	-3** =	X	

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
1202 18	2202 9	Claims in excess of 20
1201 88	2201 44	Independent claims in excess of 3
1203 300	2203 150	Multiple dependent claim, if not paid
1204 88	2204 44	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent

**SUBTOTAL (2)**

(\$)

\*\*or number previously paid, if greater; For Reissues, see above

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65		Surcharge - late filing fee or oath	
1052 50	2052 25		Surcharge - late provisional filing fee or cover sheet	
1053 130	2053 130		Non-English specification	
1812 2,520	2812 2,520		For filing a request for ex parte reexamination	
1804 920*	2804 920*		Requesting publication of SIR prior to Examiner action	
1805 1,840*	2805 1,840*		Requesting publication of SIR after Examiner action	
1251 110	2251 55		Extension for reply within first month	
1252 430	2252 215		Extension for reply within second month	
1253 980	2253 480		Extension for reply within third month	
1254 1,530	2254 765		Extension for reply within fourth month	
1255 2,080	2255 1,040		Extension for reply within fifth month	
1401 340	2401 170		Notice of Appeal	
1402 340	2402 170		Filing a brief in support of an appeal	
1403 300	2403 150		Request for oral hearing	
1451 1,510	2451 1,510		Petition to institute a public use proceeding	
1452 110	2452 55		Petition to revive - unavoidable	
1453 1,370	2453 685		Petition to revive - unintentional	
1501 1,370	2501 685		Utility issue fee (or reissue)	
1502 490	2502 245		Design issue fee	
1503 660	2503 330		Plant issue fee	
1460 130	2460 130		Petitions to the Commissioner	
1807 50	2807 50		Processing fee under 37 CFR 1.17(q)	
1806 180	2806 180		Submission of Information Disclosure Stmt	
8021 40	28021 40		Recording each patent assignment per property (times number of properties)	
1809 790	2809 395		Filing a submission after final rejection (37 CFR 1.129(a))	
1810 790	2810 395		For each additional invention to be examined (37 CFR 1.129(b))	
1801 790	2801 395		Request for Continued Examination (RCE)	
1802 900	2802 900		Request for expedited examination of a design application	
Other fee (specify) 1814 Terminal Disclaimer 37 CFR 1.20(d)				110

\*Reduced by Basic Filing Fee Paid

**SUBTOTAL (3)**

(\$ 110

**SUBMITTED BY**

Name (Print/Type) Robroy R. Fawcett

Registration No. (Attorney/Agent)

35,133

(Complete if applicable)

Telephone 760 738-7005

Signature

Date

November 12, 2004

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NOV 12 2004

PATENT

Attorney Docket No.: K35A1303

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**In re Application of:  
QUOC N. DANG et al.

Application No.: 10/628,144

Filed: July 28, 2003

For: CLUSTER-BASED CACHE  
MEMORY ALLOCATION

) Group Art Unit: 2187

) Examiner: Peugh, Brian R.

) CERTIFICATE OF TRANSMISSION/MAILING (37 CFR § 1.8)  
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) Commissioner for Patents, PO Box 1450, Alexandria, VA  
) 22313-1450, on this date: November 12, 2004.) Robroy R. Fawcett Reg. No. 35,133

) (Name of person mailing paper)

) 

) Signature

) 11-12-2004

) Date

Mail Stop Amendment  
Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450**AMENDMENT**

Sir:

Responsive to the Office Action mailed August 25, 2004, please consider the following  
amendments and remarks:**Amendments to the Specification begin on page 2 of this paper****Remarks begin on page 3 of this paper.**